

FINAL ASSESSMENT

PRACTICAL TEST

SESSION II: 2023/2024

DFP50293 MOBILE APPLICATION DEVELOPMENT

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SECTION : S1

MainActivity.java

```
package com.example.myprofile_05ddt21f1049;

import android.content.Intent;
import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        Intent intent = new Intent(MainActivity.this, LoginActivity.class);
        startActivity(intent);
        finish();
    }
}
```

AndroidManifest.xml

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.myprofile_05ddt21f1049">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="MyProfile"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true">

        <activity android:name=".MainActivity"
            android:theme="@style/Theme.AppCompat.DayNight.DarkActionBar"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER"
            />
            </intent-filter>
        </activity>

        <activity android:name=".LoginActivity"
            android:theme="@style/Theme.AppCompat.DayNight.DarkActionBar"
            android:exported="true" />

        <activity android:name=".ProfileActivity"
            android:theme="@style/Theme.AppCompat.DayNight.DarkActionBar"
            android:exported="true" />

    </application>
</manifest>
```

LoginActivity.java

```
package com.example.myprofile_05ddt21f1049;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;

public class LoginActivity extends AppCompatActivity {

    private EditText etName;
    private EditText etNric;
    private Button btnLogin;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);

        etName = findViewById(R.id.etName);
        etNric = findViewById(R.id.etNric);
        btnLogin = findViewById(R.id.btnLogin);

        btnLogin.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String name = etName.getText().toString();
                String nric = etNric.getText().toString();

                if (name.equals("Andrian") && nric.equals("123456789")) {
                    Intent intent = new Intent(LoginActivity.this,
ProfileActivity.class);
                    intent.putExtra("name", name);
                    startActivity(intent);
                } else {
                    Toast.makeText(LoginActivity.this, "Invalid login",
Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}
```

activity_login

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp">

    <TextView
        android:id="@+id/tvNameLabel"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Name:" />

    <EditText
        android:id="@+id/etName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/tvNameLabel"
        android:layout_marginTop="8dp" />

    <TextView
        android:id="@+id/tvNricLabel"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/etName"
        android:layout_marginTop="16dp"
        android:text="NRIC:" />

    <EditText
        android:id="@+id/etNric"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/tvNricLabel"
        android:layout_marginTop="8dp" />

    <Button
        android:id="@+id/btnLogin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/etNric"
        android:layout_marginTop="16dp"
        android:text="Login" />
</RelativeLayout>
```

ProfileActivity.java

```
package com.example.myprofile_05ddt21f1049;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;

public class ProfileActivity extends AppCompatActivity {

    private TextView tvName;
    private ImageView ivProfilePicture;
    private Button btnUpdateProfile;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_profile);

        tvName = findViewById(R.id.tvName);
        ivProfilePicture = findViewById(R.id.ivProfilePicture);
        btnUpdateProfile = findViewById(R.id.btnUpdateProfile);

        String name = getIntent().getStringExtra("name");
        tvName.setText(name);

        btnUpdateProfile.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Toast.makeText(ProfileActivity.this, "Your profile has successfully updated", Toast.LENGTH_SHORT).show();
            }
        });
    }
}
```

activity_profile.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">

    <TextView
        android:id="@+id/tvName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Name:"
        android:textSize="18sp" />

    <ImageView
        android:id="@+id/ivProfilePicture"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@drawable/profilepic"
        android:layout_marginTop="16dp" />

    <Button
        android:id="@+id/btnUpdateProfile"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:text="Update Profile" />
</LinearLayout>
```

Output:

10:09

MyProfile

Name:

Andrian

NRIC:


123456789

LOGIN

10:11

MyProfile

Andrian



UPDATE PROFILE